

#3

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/325,095DATE: 07/13/1999
TIME: 09:35:28

INPUT SET: S32518.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

ENTERED

SEQUENCE LISTING

1
2
3 (1) General Information:
4
5 (i) APPLICANT: Hiles, Ian Donald; Fry, Michael John; Dhand, Ritu
6 Bala; Waterfield, Michael Derek; Parker, Peter
7 Joseph; Otsu, Masayuki; Panayotou, George; Volinia,
8 Stefano; Gout, Ivan Tarasovitch
9
10 (ii) TITLE OF INVENTION: POLYPEPTIDES HAVING KINASE ACTIVITY,
11 THEIR PREPARATION AND USE
12
13 (iii) NUMBER OF SEQUENCES: 50
14
15 (iv) CORRESPONDENCE ADDRESS:
16 (A) ADDRESSEE: Felte & Lynch
17 (B) STREET: 805 Third Avenue
18 (C) CITY: New York
19 (D) STATE: New York
20 (E) COUNTRY: USA
21 (F) ZIP: 10022
22
23 (v) COMPUTER READABLE FORM:
24 (A) MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
25 (B) COMPUTER: IBM PS/2
26 (C) OPERATING SYSTEM: PC-DOS
27 (D) SOFTWARE: Wordperfect
28
29
30 (vi) CURRENT APPLICATION DATA:
31 (A) APPLICATION NUMBER: 09/325,095
32 (B) FILING DATE:
33 (C) CLASSIFICATION:
34
35
36 (vii) PRIOR APPLICATION DATA:
37
38 (A) APPLICATION NUMBER: 09/085,957
39 (B) FILING DATE:
40
41 (A) APPLICATION NUMBER: 08/780,872
42 (B) FILING DATE: 09-JAN-1997
43
44 (A) APPLICATION NUMBER: 08/162,081
45 (B) FILING DATE: February 7, 1994
46

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47 (A) APPLICATION NUMBER: PCT/GB93/00761
48 (B) FILING DATE: 13 April 1993
49
50

51 (viii) ATTORNEY/AGENT INFORMATION:
52 (A) NAME: Pasqualini, Patricia A.
53 (B) REGISTRATION NUMBER: 34,894
54 (C) REFERENCE/DOCKET NUMBER: LUD 5256
55
56

57 (ix) TELECOMMUNICATION INFORMATION:
58 (A) TELEPHONE: (212) 688-9200
59 (B) TELEFAX: (212) 838-3884
60
61

62 (2) INFORMATION FOR SEQ ID NO: 1:

63
64 (i) SEQUENCE CHARACTERISTICS:
65 (A) LENGTH: 12 amino acids
66 (B) TYPE: amino acid
67 (C) STRANDEDNESS: single
68 (D) TOPOLOGY: linear
69
70

71 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

72
73 Gly Glu Ser Asp Gly Gly Tyr Met Asp Met Ser Lys
74 1 5 10
75
76

77 (2) INFORMATION FOR SEQ ID NO: 2:

78
79 (i) SEQUENCE CHARACTERISTICS:
80 (A) LENGTH: 17 amino acids
81 (B) TYPE: amino acid
82 (C) STRANDEDNESS: single
83 (D) TOPOLOGY: linear
84
85

86 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

87
88 Asp Met Ser Lys Asp Glu Ser Val Asp Tyr Val Pro Met Leu Asp Met
89 1 5 10 15
90
91 Lys
92
93

94 (2) INFORMATION FOR SEQ ID NO: 3:

95
96 (i) SEQUENCE CHARACTERISTICS:
97 (A) LENGTH: 11 amino acids
98 (B) TYPE: amino acid
99 (C) STRANDEDNESS: single

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100 (D) TOPOLOGY: linear

101

102

103

104 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

105

106 Cys Asp Glu Ser Val Asp Tyr Val Pro Met Leu

107 1 5 10

108

109 (2) INFORMATION FOR SEQ ID NO: 4:

110

111 (i) SEQUENCE CHARACTERISTICS:

112 (A) LENGTH: 17 amino acids

113 (B) TYPE: amino acid

114 (C) STRANDEDNESS: single

115 (D) TOPOLOGY: linear

116

117

118

119 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

120

121 Ala Arg Asp Ile Met Arg Asp Ser Asn Tyr Ile Ser Lys Gly Ser Thr

122 1 5 10 15

123

124 Phe

125

126

127 (2) INFORMATION FOR SEQ ID NO: 5:

128

129 (i) SEQUENCE CHARACTERISTICS:

130 (A) LENGTH: 13 amino acids

131 (B) TYPE: amino acid

132 (C) STRANDEDNESS: single

133 (D) TOPOLOGY: linear

134

135

136 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

137

138 Glu Phe Cys Pro Asp Pro Leu Tyr Glu Val Met Leu Lys

139 1 5 10

140

141

142 (2) INFORMATION FOR SEQ ID NO: 6:

143

144 (i) SEQUENCE CHARACTERISTICS:

145 (A) LENGTH: 16 amino acids

146 (B) TYPE: amino acid

147 (C) STRANDEDNESS: single

148 (D) TOPOLOGY: linear

149

150

151 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

152

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153 Arg Arg Phe Thr Ser Thr Glu Pro Gln Tyr Gln Pro Gly Glu Asn Leu
154 1 5 10 15
155
156
157

158 (2) INFORMATION FOR SEQ ID NO: 7:

159
160 (i) SEQUENCE CHARACTERISTICS:
161 (A) LENGTH: 13 amino acids
162 (B) TYPE: amino acid
163 (C) STRANDEDNESS: single
164 (D) TOPOLOGY: linear
165

166 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

167 Arg Arg Leu Ile Glu Asp Asn Glu Tyr Thr Ala Arg Gly
168
169 1 5 10
170
171

172 (2) INFORMATION FOR SEQ ID NO: 8:

173
174 (i) SEQUENCE CHARACTERISTICS:
175 (A) LENGTH: 12 amino acids
176 (B) TYPE: amino acid
177 (C) STRANDEDNESS: single
178 (D) TOPOLOGY: linear
179

180 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

181 Thr Leu Ala Tyr Pro Val Tyr Ala Gln Gln Arg Arg
182
183 1 5 10
184
185

186 (2) INFORMATION FOR SEQ ID NO: 9:

187
188 (i) SEQUENCE CHARACTERISTICS:
189 (A) LENGTH: 17 amino acids
190 (B) TYPE: amino acid
191 (C) STRANDEDNESS: single
192 (D) TOPOLOGY: linear
193

194 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

195 Thr Leu Ala His Pro Val Arg Ala Pro Gly Pro Gly Pro Pro Ala Ala
196
197 1 5 10 15
198
199

200 Arg
201
202

203 (2) INFORMATION FOR SEQ ID NO: 10:

204
205 (i) SEQUENCE CHARACTERISTICS:

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206 (A) LENGTH: 4 amino acids
207 (B) TYPE: amino acid
208 (C) STRANDEDNESS: single
209 (D) TOPOLOGY: linear
210
211

212 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
213

214 Tyr Xaa Xaa Met
215 1
216
217

218 (2) INFORMATION FOR SEQ ID NO: 11:
219

220 (i) SEQUENCE CHARACTERISTICS:
221 (A) LENGTH: 7 amino acids
222 (B) TYPE: amino acid
223 (C) STRANDEDNESS: single
224 (D) TOPOLOGY: linear
225
226

227 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
228

229 Met Asp Trp Ile Phe His Thr
230 1 5
231

232 (2) INFORMATION FOR SEQ ID NO: 12:
233

234 (i) SEQUENCE CHARACTERISTICS:
235 (A) LENGTH: 23 base pairs
236 (B) TYPE: nucleic acid
237 (C) STRANDEDNESS: single
238 (D) TOPOLOGY: linear
239
240

241 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
242

243 AARATGGAYT GGATHTTYCA YAC
244
245

23

246 (2) INFORMATION FOR SEQ ID NO: 13:
247

248 (i) SEQUENCE CHARACTERISTICS:
249 (A) LENGTH: 13 amino acids
250 (B) TYPE: amino acid
25

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SEQUENCE VERIFICATION REPORT
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Line

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Original Text